

ABSTRACT OF THE DISCLOSURE

A handoff method in a CDMA system is performed when a mobile station with dormant packet data call is handed off to an area where the packet zone identifier is changed. The method includes call connection handoffing first information from first base station to second base station by a mobile station, comparing first packet zone identifier about the call of second information transmitted from the second base station with second packet zone identifier about the call of the second information maintained by the mobile base station, and transmitting a call setting message of the second information from the mobile station to the second base station to request a handoff of the second information if the identifiers are different. Therefore, an In-traffic System Parameter message is used, thereby excluding the need for additional hardware.